



Philips
Flat TV with Crystal Clear
III

20"
LCD

20PF5120



Turn up your viewing experience with Crystal Clear III

Here is a new TV that not only gives you great picture and sound but also modern styling and quality finish. It features Crystal Clear III for better quality images that reveal more detail and Incredible Surround for superb audio.

Vivid, natural and razor sharp images

- Enhanced-definition LCD SVGA display, 800 x 600p
- Crystal Clear III for natural images with enhanced quality
- 2D Combfilter sharpens images for finer detail

Exciting and lifelike sound

- Incredible Surround™ for enhanced audio enjoyment

Slim, stylish design to complement your interior

- Compact and slim design that fits in every room

Multi-purpose convenience

- PC input lets you also use your TV as a PC monitor
- Smart Picture provides personalized image settings
- Smart Sound optimizes audio settings

Leading interface for digital quality audio/video

- DVI-I provides the best picture and flexible connectivity

PHILIPS
sense and simplicity

Specifications

Picture/Display

- **Aspect ratio:** 4:3
- **Brightness:** 500 cd/m²
- **Contrast ratio (typical):** 500:1
- **Diagonal screen size:** 20 inch / 51 cm
- **Display screen type:** LCD SVGA Active Matrix TFT
- **Picture enhancement:** Crystal Clear III, Progressive Scan, 2D Combfilter, Sharpness Adjustment
- **Panel resolution:** 800 x 600p
- **Response time (typical):** 16 ms
- **Viewing angle (H / V):** 160 / 120 degree

Supported Display Resolution

- **Video Formats**

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh
- **Computer formats**

Resolution	Refresh rate
640 x 480	60, 67, 72, 75Hz
800 x 600	56, 60, 72, 75Hz

Sound

- **Output power (RMS):** 2 x 5W
- **Sound System:** Mono, Nicam Stereo
- **Sound Enhancement:** Incredible Surround

Convenience

- **Ease of Installation:** Automatic Tuning System (ATS), Autostore, Fine Tuning

stereo system			transmission system
NICAM	NICAM	NICAM	PAL
BG	DK	I	KD
o	o	o	o

- **Ease of Use:** Smart Picture, Smart Sound, Top Controls, Auto Volume Leveller (AVL), Menu Control, On Screen Display
- **Clock:** Sleep Timer
- **VESA Mount:** 100 x 100 mm
- **Child Protection:** Child Lock+Parental Control
- **Screen Format Adjustments:** 4:3, 16:9 compress, 4:3 expand

Tuner/Reception/Transmission

- **Tuner bands:** Hyperband, S-Channel, UHF, VHF
- **TV system:** PAL, PAL B/G, PAL D/K, PAL I
- **Video Playback:** NTSC, PAL, SECAM

Connectivity

- **AV 1:** Audio L/R in, YPbPr (2fh)
- **AV 2:** Audio L/R in, CVBS, S-Video
- **Other connections:** DVI-I, PC Audio in, Antenna IEC75
- **Front / Side connections:** Headphone out

Power

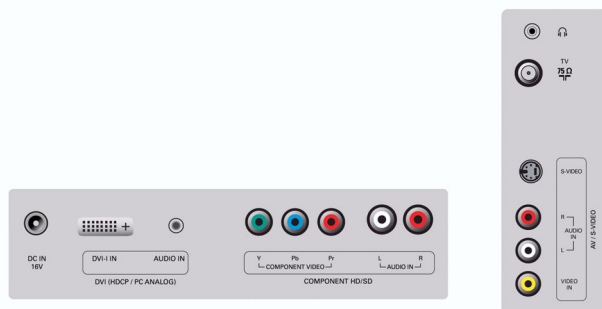
- **Power consumption:** 55 W
- **Standby power consumption:** < 1 W
- **Ambient temperature:** 5 °C to 40 °C
- **Power supply:** AC 90-240

Accessories

- **Included Accessories:** Table top stand, Power cord, Quick start guide, Remote Control, User Manual

Dimensions

- **Product weight:** 8.5 kg
- **Dimensions (with base) (W x H x D):** 506 x 484 x 220 mm
- **Set dimensions (W x H x D):** 506 x 444 x 80 mm



Product highlights

LCD SVGA display, 800 x 600p

This SVGA display with state-of-the-art LCD screen technology has an enhanced resolution of 800 x 600p. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Crystal Clear III

Crystal Clear III combines a whole range of enhancements to provide a better picture. They include a 2D Comb filter, Dynamic contrast, Blue stretch and Green enhancement so that you always get the most natural looking colors.

2D Combfilter

The 2D comb filter separates chrominance (color) from luminance (brightness) information in the video signal for independent processing to improve picture resolution and minimize distortion.

Incredible Surround™

Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

PC input

With PC input you can connect your TV to a computer and use the TV as a PC monitor.

Smart Picture

Smart Picture provides the optimum picture settings for color, brightness, saturation, contrast, sharpness, and so on, to enhance your overall viewing experience at all times.

Smart Sound

Smart Sound provides the optimal sound settings for ultra bass, bass, treble and balance so that you can get the best entertainment experience.

DVI-I Input

A DVI-I input connects the non-compressed high-bandwidth digital RGB signal from source to screen. By eliminating the conversion of the digital signals to analog, it delivers an unblemished and noise-free image, that is clear and flicker-free. The DVI input supports HDCP copy protection that allows viewing of copy protected programs from Digital Settop boxes, DVD players and HD recorders. DVI-I is future proof as it can be connected to all HDMI devices (a converter cable is required). The DVI-I input also supports analog PC-VGA signals.



Issue date 2009-01-21

Version: 4.0.7

12 NC: 8670 000 21818
EAN: 87 10895 87533 2

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